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(54) Title: PROCESS FOR THE ELECTROLYSIS OF ALUMINIUMSULFIDE

(57) Abstract: Process for the electrolysis of $A1_2S_3$, using a bath of molten salt, preferably a bath of molten chloride salt, in which $A1_2S_3$ is dissolved characterised in that measures are taken to improve the electrical conductivity of the bath, so as to enable an increase in the current density in the bath.

INTERNATIONAL SEARCH REPORT

International Application No EP2004/003625

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C25C3/18 C25C3/06 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) C25C IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, CHEM ABS Data, WPI Data, PAJ, INSPEC, COMPENDEX C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Χ US 4 464 234 A (MINH NGUYEN Q ET AL) 1,2,6,7, 7 August 1984 (1984-08-07) 9,10 column 2, lines 21-56 column 3, lines 55-60 column 5, lines 4-31 X DE 34 12 114 A (BBC BROWN BOVERI & CIE) 1,2,6, 10 October 1985 (1985-10-10) 8-10 page 5, lines 14-17; claims 1-8 page 6, lines 7-21 χ GB 484 014 A (DANIEL GARDNER) 1-6,8 29 April 1938 (1938-04-29) page 1, lines 13-35 Α US 4 265 716 A (LOUTFY RAOUF O ET AL) 1-10 5 May 1981 (1981-05-05) column 5, lines 40-49 Further documents are listed in the continuation of box C. Patent family members are listed in annex. . Special categories of cited documents : "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another ditation or other special reason (as specified) document of particular relevance; the ctairned invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. O document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 17 November 2004 25/11/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5816 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016 Hammerstein, G

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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